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March 30, 2005

MAIL STOP PCTCommissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

PCT/JP03/12554

-filed September 30, 2003

Re: Application of Susumu KAYAMA, Hisao KOGOI and Jun TANAKA
TITANIUM OXIDE FOR DYE-SENSITIZED SOLAR CELLS
Assignee: SHOWA DENKO K.K.
Our Ref: Q72256

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ a copy of the International Application.
- ☒ three (3) sheets of drawings (figs. 1-3).
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ an Information Disclosure Statement, an International Search Report, a PTO/SB/08 A & B (modified) listing the ISR references and a copy each reference cited in the ISR.
- ☒ it is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f)

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.



SUGHRUE MION, PLLC

National Stage Entry of PCT/JP03/12554

Attorney Docket No.: Q72256

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The Government filing fee is calculated as follows:

Total claims	40	-	20	=	20	x	\$50.00	=	\$1000.00
Independent claims	4	-	3	=	1	x	\$200.00	=	\$200.00
Base Fee									\$300.00
Search Fee*									\$400.00
Examination Fee*									\$200.00
Multiple Dependent Claim Fee									\$360.00
TOTAL FILING FEE									\$2460.00
Recordation of Assignment									\$ 40.00
TOTAL FEE									\$2500.00

* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

The Office is hereby directed and authorized to charge the statutory filing fee of \$2500.00 to Deposit Account No. 19-4880. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.16, 1.17 and 1.492 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority/benefit is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2002-285334	September 30, 2002
Japan	2003-169421	June 13, 2003
Japan	2003-197672	July 16, 2003
Japan	2003-320123	September 11, 2003
U.S. Provisional	October 9, 2002	60/416,919
U.S. Provisional	July 23, 2003	60/489,109

Respectfully submitted,

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Date: March 30, 2005